

Rabbit anti-Human ANGPT2 Monoclonal Antibody | anti-ANGPT2 antibody

Rabbit anti Human ANGPT2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173466	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

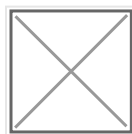
PRODUCT SYNONYMS

ANGPT2; Monoclonal Antibody; Rabbit anti Human ANGPT2 Monoclonal Antibody; anti-ANGPT2 antibody

PRODUCT SPECIFICATIONS

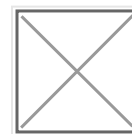
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	0.2 um filtered solution in PBS
Applicable Applications for anti-ANGPT2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant Human ANG 2 protein
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using ANGPT2 Monoclonal Antibody at dilution of 1:300.



WB (Western Blot)

Western Blot analysis of HepG2 and A549 cells, using ANGPT2 Monoclonal Antibody at dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-ANGPT2 antibody

Angiopoietin-2 (ANG 2, or ANGPT2), is a member of the ANG family, which plays an important role in angiogenesis during the development and growth of human cancers. Both ANGPT-1 and ANGPT-2 appear to bind to the tyrosine kinase receptor, Tie-2, found primarily on the luminal surface of endothelial cells. ANG-2's role in angiogenesis generally is considered as an antagonist for ANG1, inhibiting ANG1-promoted Tie2 signaling, which is critical for blood vessel maturation and stabilization. ANG-2 modulates angiogenesis in a cooperative manner with another important angiogenic factor, vascular endothelial growth factor A. Genetic studies have revealed that ANG-2 also is critical in lymphangiogenesis during development. ANG-2 has multiple physiologic effects that regulate vascular tone, hormone secretion, tissue growth and neural activity. Several reports indicate that ANG-2 can induce neovascularization in experimental systems due to the expression of different growth factors such as angiopoietin 2, vascular endothelial factor, and its receptor, fibroblast growth factor, platelet derived growth factor, transforming growth factor beta and epidermal growth factor.

NCBI AND UNIPROT INFORMATION

NCBI GI #	169646754
NCBI GeneID	285
NCBI GenBank Nucleotide #	NM_001118888.1
Molecular Weight	57kDa
NCBI Official Full Name	angiopoietin-2 isoform c
NCBI Official Synonym Full Names	angiopoietin 2
NCBI Official Symbol	ANGPT2
NCBI Official Synonym Symbols	ANG2; AGPT2
NCBI Protein Information	angiopoietin-2
UniProt Protein Name	Angiopoietin-2
UniProt Gene Name	ANGPT2
UniProt Synonym Gene Names	ANG-2
UniProt Entry Name	ANGP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/angpt2-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/173466>